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**Box Patent Application**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

New U.S. Patent Application

Title: METHOD OF IDENTIFYING CELLS USING DNA METHYLATION  
PATTERNS

Inventors: Kunio SHIOTA; Satoshi TANAKA; Jun OHGANE; Naka HATTORI

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application - 22 pages, including 4 independent claims and 4 claims total.
2. Drawings - 11 sheets of formal drawings containing 7 figures.
3. Declaration and Power of Attorney.
4. Recordation Form Cover Sheet and Assignment to The University of Tokyo.
5. Certified copy of Japanese Application No. 2000-372954, filed December 7, 2000.
6. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with 1 document attached.

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7. The filing fee is calculated as follows:

					\$710	\$ 710.00
Basic Application Filing Fee	Number of Claims		Basic	Extra Claims		
Total Claims	4	-	20		x \$18	
Independent Claims	4	-	3	1	x \$80	80.00
[ ] Presentation of Multiple Dep. Claim(s)					+\$270	
					Subtotal	\$ 790.00
					Reduction by 1/2 if small entity	-
					TOTAL APPLICATION FILING FEE	\$ 790.00

8. A check for \$830.00 is enclosed. The fee includes:

\$710.00 filing fee;  
 \$80.00 additional claims fee; and  
 \$40.00 Assignment recordation fee.


Applicants claim the right to priority based on Japanese Application No. 2000-372954, filed December 7, 2000.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
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 1300 I Street, N.W.  
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Please accord this application a serial number and filing date and record and return the Assignment to the undersigned.

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June 18, 2001  
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By:   
Ernest F. Chapman  
Reg. No. 25,961

EFC/FPD/peg  
Enclosures

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